



# ACCEPTABLE INVERTERS

**We support renewable energy and partner with our customers to ensure safe and reliable interconnection of renewable energy into the electric grid.**

## General Interconnection Information

- Customers who generate their own electricity with renewable energy sources can interconnect with the electric grid and receive bill credits for excess generation
- Small generator technologies that qualify for interconnection with our system include solar (photovoltaic or “PV”), wind, biomass, anaerobic digestion, geothermal electric, fuel cells using renewable sources, hydro, and cogeneration and microturbines. Hydro-electric systems qualify for interconnection but not for net metering services
- *Code of Maryland Regulations (COMAR) 20.50.09 for Small Generation Interconnection Standards* defines the application process Pepco follows. *COMAR 20.50.10 for Net Metering Authority* defines the qualifications for net energy metering in Maryland
- All net energy metering and interconnection application forms are available on <https://www.bge.com/MyAccount/MyService/Pages/CustomerGeneratedPower.aspx>

## Inverter Standards

- The inverter is only one component of each renewable generating project which BGE evaluates for interconnection requests. Receipt of an Approval to Install notification in the interconnection application process is validation the inverter specifications were reviewed and accepted
- Institute of Electrical and Electronics Engineers (IEEE) Standard 1547 provides the criteria and requirements for interconnecting small generator equipment to the grid. Underwriters Laboratory (UL) Standard 1741 sets the requirements for the inverters and charge controllers used in photovoltaic (PV) systems
- In most cases, inverters that comply with IEEE 1547 and UL 1741 will be acceptable for interconnection
- The equipment on the Acceptable Inverters list on the reverse side has been accepted for use in other small generator interconnection project requests

For more information contact our  
**New Business Interconnection Team**  
[www.bge.com/interconnection](http://www.bge.com/interconnection)  
[generator-apply@constellation.com](mailto:generator-apply@constellation.com)  
800-233-1854



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**Net Energy Metering and Small Generator Interconnections**

## Acceptable Inverters

The inverter is only one component of each renewable generating project which BGE evaluates for interconnection requests. Generally, inverters that comply with IEEE 1547 and UL 1741 will be acceptable for interconnection. BGE makes no claim or warranty as to the quality, suitability, or performance of any inverter on this list. This list is current as of October 6, 2020.

ABB	Power One Aurora 3 (PVI 3)	Fronius USA	Fronius Galvo 2.5	SMA-America	SB3000TL
ABB	Power One Aurora 3.6 (PVI 3.6)	Fronius USA	Fronius Galvo 3.1	SMA-America	SB5000TL
ABB	Power One Aurora 4.2 (PVI 4.2)	Fronius USA	Fronius Primo 3.8	SMA-America	SB3800TL
ABB	Power One Aurora 25	Fronius USA	Fronius Primo 5.0	SMA-America	SB6000TLUS
ABB	PVI 5000	Fronius USA	Fronius Primo 6.0	SMA-America	7700TL
ABB	PVI 6000	Fronius USA	Fronius Primo 7.6	SMA-America	7.7-US
ABB	PVI 6500	Fronius USA	Fronius Primo 8.2	SMA-America	SB8000TLUS
ABB	PVI 7500	Fronius USA	Fronius Primo 10.0	SMA-America	SB9000TLUS
ABB	PVI 3.8	Fronius USA	Fronius Primo 15.0	SMA-America	SB10000TLUS
ABB	PVI 4.6	Fronius USA	Fronius CL 33.3	SMA-America	STP 12000TL-US
ABB	PVI 10.0	Fronius USA	Fronius Symo 10.0	SMA-America	STP 15000TL-US
ABB	UNO 7.6	Fronius USA	Fronius Symo 12.0	SMA-America	STP 20000TL-US
ABB	UNO 8.6	Fronius USA	Fronius Symo 12.5	SMA-America	STP 24000TL-US
ABB	Power One 0.31 OUTD	Fronius USA	Fronius Symo 15.0	SMA-America	STP 30000TL-US
ABB	Micro Inverter	Fronius USA	Fronius Symo 17.5	SMA-America	Sunny Boy 240 Micro
ABB	Power One 0.25 OUTD	Fronius USA	Fronius Symo 20.0	Solar Edge	SE3000
ABB	Micro Inverter	Fronius USA	Fronius Symo 22.7	Solar Edge	SE3300
Advanced Energy	PVP30	Fronius USA	Fronius Symo 24.0	Solar Edge	SE3500
Advanced Energy	PVP35	GE	GEPVe-1100	Solar Edge	SE3800
Advanced Energy	PVP50	GE	GEPVe-2800	Solar Edge	SE4000
Advanced Energy	PVP75	KACO	1502xi	Solar Edge	SE5000
Advanced Energy	PVP100	KACO	2502xi	Solar Edge	SE6000
Advanced Energy	PVP260	KACO	3502xi	Solar Edge	SE7600
Advanced Energy	PVP1100	KACO	5002xi	Solar Edge	SE10000
Advanced Energy	PVP2000	Power Electronics	Freesun FS1400CU	Solar Edge	SE11400
Advanced Energy	PVP2500	Power Electronics	FS2000CU	Solar Edge	SE5000A
Advanced Energy	PVP2800	Samil Power	Solar River 3000 TL	Solar Edge	SE6000A
Advanced Energy	PVP3000	Samil Power	Solar River 6000 TL	Solar Edge	SE7600A
Advanced Energy	PVP3500	Samil Power	Solar River 7000 TL	Solar Edge	SE9KUS
Advanced Energy	PVP4600	Samil Power	Solar River 8000 TL	Solar Edge	SE11400A
Advanced Energy	PVP5200	Samil Power	Solar River 9000 TL	Solar Edge	SE10KUS
APS	YCS500a	Samil Power	Solar River 10000 TL	Solar Edge	SE14.4KUS
APS	YC500i	Satcon	PowerGatePlus 50kW	Solar Edge	SE20KUS
CHINT	CPS SCA 3KTL	Satcon	PowerGatePlus 100kW	Solar Edge	SE33.3KUS
CHINT	CPS SCA 4KTL	Satcon	PowerGatePlus 135kW	Solectria	PVI 10
CHINT	CPS SCA 5KTL	Satcon	PVS-30	Solectria	PVI 13
CHINT	CPS SCA 6KTL	Satcon	PVS-50	Solectria	PVI 14TL
CHINT	CPS SCA 60KTL	Satcon	PVS-75	Solectria	PVI 15
CHINT	CPS SCA 14KTL	Satcon	PVS-110	Solectria	PVI 20TL
CHINT	CPS SCA 20KTL	Satcon	PVS-210	Solectria	PVI 23TL
CHINT	CPS SCA 23KTL	Satcon	PVS-375	Solectria	PVI 28TL
CHINT	CPS SCA 28KTL	Satcon	PVS-500	Solectria	PVI 36TL
CHINT	CPS SCA 36KTL	Schneider	Conext TX 3300	Solectria	PVI 60
CHINT	CPS SCH 100KTL	Schneider	Conext TX 5000 NA	Solectria	PVI 60TL
CHINT	CPS SCH 125KTL	Schneider	Xantrex GT-2.8	Solectria	PVI 82
Delta	M4-TL	Schneider	Xantrex GT-3.0	Solectria	PVI 95
Delta	M8-TL	Schneider	Xantrex GT-3.3	Solectria	PVI 1800
Delta	Solvia 3.0 TL	Schneider	Xantrex GT-3.8	Solectria	PVI 3000
Delta	Solvia 3.8 TL	Schneider	Xantrex GT-4	Solectria	PVI 4000
Delta	Solvia 5.0	Schneider	Xantrex GT-5	Solectria	PVI 5000
Delta	Solvia 5.2 TL	Schneider	Xantrex GT500E	Solectria	PVI 5300
Delta	Solvia 6.6 TL	Schneider	Xantrex GT100	Solectria	PVI 6500
Delta	Solvia 7.6 TL	Schneider	Xantrex PV 10208	Solectria	PVI 7500
Direct Grid	DGM-S460	Schneider	Xantrex PV 30208	Solectria	SGI 225
Enphase Energy	M190-72-240	Schneider	Xantrex PV 225S-480	Solectria	SGI 250
Enphase Energy	M190-72-208	Siemens	Smiinv215R60MC	Solectria	SGI 266
Enphase Energy	M210	Sharp	SunVista JH-3500U	Solectria	SGI 300
Enphase Energy	M215	SMA-America	Sunny Boy 5.0	Solectria	SGI 500
Enphase Energy	M250	SMA-America	Sunny Boy 6.0	Sungrow	SG30KU
Enphase Energy	D380	SMA-America	Sunny Boy 700U	Sungrow	SG36KU
Enphase Energy	S280	SMA-America	Sunny Boy 1100U	Sungrow	SG60KU-M
Enphase Energy	IQ6	SMA-America	Sunny Boy 1800U	SunPower	SPR 2000
Enphase Energy	IQ6+	SMA-America	Sunny Boy 2500U	SunPower	SPR 3200
Enphase Energy	IQ7	SMA-America	Sunny Boy 3800U	SunPower	SPR 5200
Enphase Energy	IQ7+	SMA-America	Sunny Boy 6000U	SunPower	SPR 3000m
Fronius USA	IG 2000	SMA-America	SB3000US	SunPower	SPR 4000m
Fronius USA	IG 3000	SMA-America	SB3800US	SunPower	SPR 5000m
Fronius USA	IG 4000	SMA-America	SB4000US	SunPower	SPR 6000m
Fronius USA	IG 4500	SMA-America	SB5000US	SunPower	SPR 7000m
Fronius USA	IG 5100	SMA-America	SB6000US	SunPower	SPR 8000m
Fronius USA	IG Plus 3-1	SMA-America	SB7000US	SunPower	SPR 3300f
Fronius USA	IG Plus 3.8-1	SMA-America	SB7700US	SunPower	SPR 4000f
Fronius USA	IG Plus 5	SMA-America	SB8000US	SunPower	SPR 6500f
Fronius USA	IG Plus 6	SMA-America	SC500HE-US	SunPower	SPR 8000f
Fronius USA	IG Plus 7.5	SMA-America	2000HF-US	SunPower	SPR 12000f
Fronius USA	IG Plus 10	SMA-America	2500HF	SunPower	SPR 10001f
Fronius USA	IG Plus 11.4	SMA-America	3000HF	SunPower	SPR 11401f
Fronius USA	IG Plus 12	SMA-America	Sunny Central 250u	SunPower	SPR X22-360
Fronius USA	Fronius Galvo 1.5	SMA-America	Sunny Central 500u	SunPower	SPR E20-327*
Fronius USA	Fronius Galvo 2.0	SMA-America	Sunny Tower 36/42/48	Sun Power	SPR X21-345

## Net Energy Metering and Small Generator Interconnections

\*This solar panel comes with integrated inverter